

**REMARKS**

The Examiner has requested restriction of the claims presently on file. The Applicant elects with traverse invention I, namely claims 1 through 7 for further consideration by the Examiner and, subject to consideration of the arguments below, reserves the right to prosecute the balance of the claims in a divisional application in due course.

The Examiner considered there to be separate inventions between claims 1 and 8 on the basis that the process of claim 8 can be carried out by hand. Claim 8 has been amended to recite the apparatus found in claim 1, namely the primary metering device and the second metering device which makes it clear that the process recited in claim 8 is performed with the apparatus recited in claim 1. Accordingly, it is believed proper to maintain the group of claims containing claims 1 through 7 and the group of claims containing claim 8 in the same application as they are related as a process and the apparatus for the practice of the process.

Claim 9 has similarly been amended to recite features of the secondary flow metering device including the structure found in claim 2. The claim is directed to the metering device to meet the return of flow of ink to an ink supply of a printing press and therefore the claim is limited to the particular application of the fluids recited in claim 1.

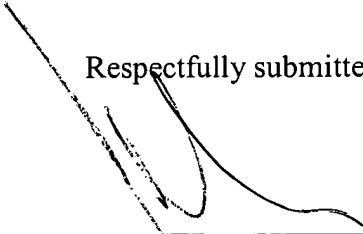
Accordingly, it appears appropriate to maintain claims 1 and 9 within the same application as combination and sub combination and further consideration of the restriction requirements is respectfully requested.

Further Action to favorable consideration of the maintenance of the claims as amended and allowance of the application is requested.

Applicant attaches hereto a document entitled "Version With Markings To Show Changes Made", which is a marked-up version of the changes made to the present application by the above amendment.

18 Sept 02  
Date

Respectfully submitted,

  
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE  
PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:**

1. An ink transfer mechanism for printing press including a supply roller to collect ink from a liquid supply, a primary flow metering device to produce a primary flow of said ink carried by said roller, and a secondary flow metering device spaced from said primary flow metering device to provide a secondary flow on said roller, whereby a difference in the flow of said liquid between said metering devices is supplied to a flow output.
2. An ink transfer mechanism according to claim 1, wherein said secondary flow metering device includes a blade portion.
3. An ink transfer mechanism according to claim 1, wherein said secondary flow metering device is biased towards said supply roller.
4. An ink transfer mechanism according to claim 2, wherein said secondary flow metering device moves between an operative position which provides a predetermined separation distance between said blade portion and an outer surface of said supply roller, and a retracted position.
5. An ink transfer mechanism according to claim 2, wherein said blade portion includes a contoured surface portion.
6. An ink transfer mechanism according to claim 5, wherein said contoured surface portion is arcuate.
7. An ink transfer mechanism according to claim 3, wherein a predetermined magnitude of said separation distance is maintained by an element located between said exterior surface and said blade portion.

8. (amended) A method of metering ink from a supply roller of a printing press including the steps of : metering of a flow of said ink onto said supply roller by application of a primary metering device to produce a primary flow, metering of said primary flow transferred by said supply roller by application of as secondary metering device to produce a secondary flow on said roller, directing a difference between said primary flow and said secondary flow from a surface of said supply roller to produce a tertiary flow as an output.

9. (amended) A secondary flow metering device to ~~monitor~~meter the return flow if ink supply of a printing press: comprising a body and a blade portion connected to said body, said body portion being supported by said body to engage a primary flow of ink on a supply roller to divide said flow into a secondary flow for return to said supply and a tertiary flow to a flow output.

~~10.10. (cancel)~~The metering device of claim 9, wherein said metering device includes a body and a blade portion connected to said body.

~~11.11. (amended)~~ A metering device according to claim ~~10~~9, wherein an end portion of said blade portion is arcuate.

~~12.12. (amended)~~ The metering device of claim ~~10~~9, wherein said blade portion includes a contoured surface having an entrance region, a middle region, and an exit region.

13. A metering device according to claim 12, wherein said entrance region contains a shallow angle of less than 20 degrees with respect to an adjacent surface.

~~14.14. (amended)~~ A metering device according to claim ~~10~~9, wherein an end portion of said blade-portion includes a corner region to promote separation of ink flow along said end portion.